



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: Scattered showers and thunderstorms provided west and central sections of the State with heavy rainfall prior to the weekend. Otherwise, it was a warm, dry week with high humidity, above normal temperatures and below normal rainfall. Precipitation for the week totaled 0.31 inches Statewide, which was 0.75 inches below normal. **Topsoil moisture** was rated as 19 percent short, 73 percent adequate, and 8 percent surplus. **Subsoil moisture** was rated 15 percent short, 76 percent adequate, and 9 percent surplus. There were 5.5 days suitable for fieldwork. Farmers' primary activities for the week continued to be planting corn and soybeans and setting tobacco.

TOBACCO: Tobacco setting is ahead of last year and the five-year average. Twenty-one percent of the burley tobacco has been set compared with 11 percent for last year and the five-year average of 9 percent. Nineteen percent of the dark tobacco has been set, ahead of last year's 5 percent and the five-year average of 6 percent.

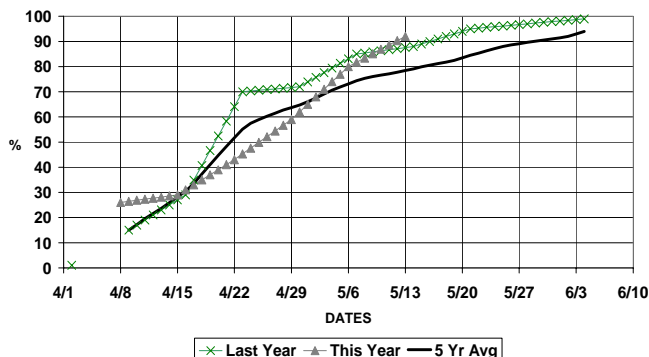
ROW CROPS: Nice weather for this week allowed farmers to catch up on their corn planting. Corn planting is now ahead of last year, and the five-year average. As of Sunday, May 13, 92 percent of the corn was planted compared to 88 percent for last

year and 78 percent for the five-year average. Seventy-seven percent of the crop had emerged, ahead of last year's 75 percent, and the five-year average of 65 percent. The condition of the corn crop continued to improve and was rated 1 percent poor, 20 percent fair, 56 percent good, and 23 percent excellent. Farmers have continued to plant soybeans with 19 percent planted as of Sunday compared to 17 percent last year and 16 percent for the five-year average.

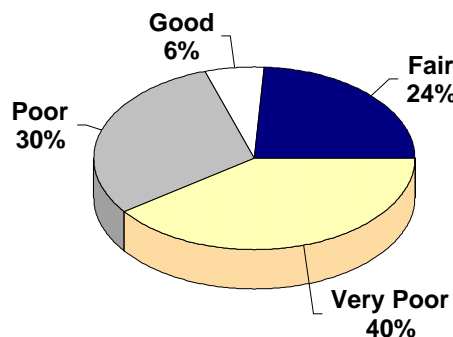
SMALL GRAINS: The winter wheat crop is in very poor condition with 40 percent rated very poor, 30 percent poor, 24 percent fair, and 6 percent good. Of the crop left in the field, producers expect greatly reduced yields.

OTHER CROPS AND PASTURE: Pasture condition was rated 1 percent very poor, 12 percent poor, 40 percent fair, 40 percent good, and 7 percent excellent. The hay crop condition was rated 5 percent very poor, 23 percent poor, 42 percent fair, 26 percent good, and 4 percent excellent. As of Sunday, May 13, 9 percent of sorghum acreage had been planted compared to 20 percent last year at this time, and 11 percent as the 5-year average. Strawberry growers reported 63 percent of their berries as small, 32 percent as medium, and 5 percent as large.

CORN PLANTING PROGRESS



WHEAT CONDITION
(May 13)



KENTUCKY CROP PROGRESS

WEEK ENDING MAY 13, 2007

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn					
Planted	92	88	78	80	53
Emerged	77	75	65	54	14
Soybeans Planted	19	17	16	6	10
Sorghum Planted	9	20	11	NA	25
Burley Tobacco Set	21	11	9	8	NA
Dark Tobacco Set	19	5	6	4	NA

(NA)Data Not Available.

SOIL MOISTURE

WEEK ENDING MAY 13, 2007

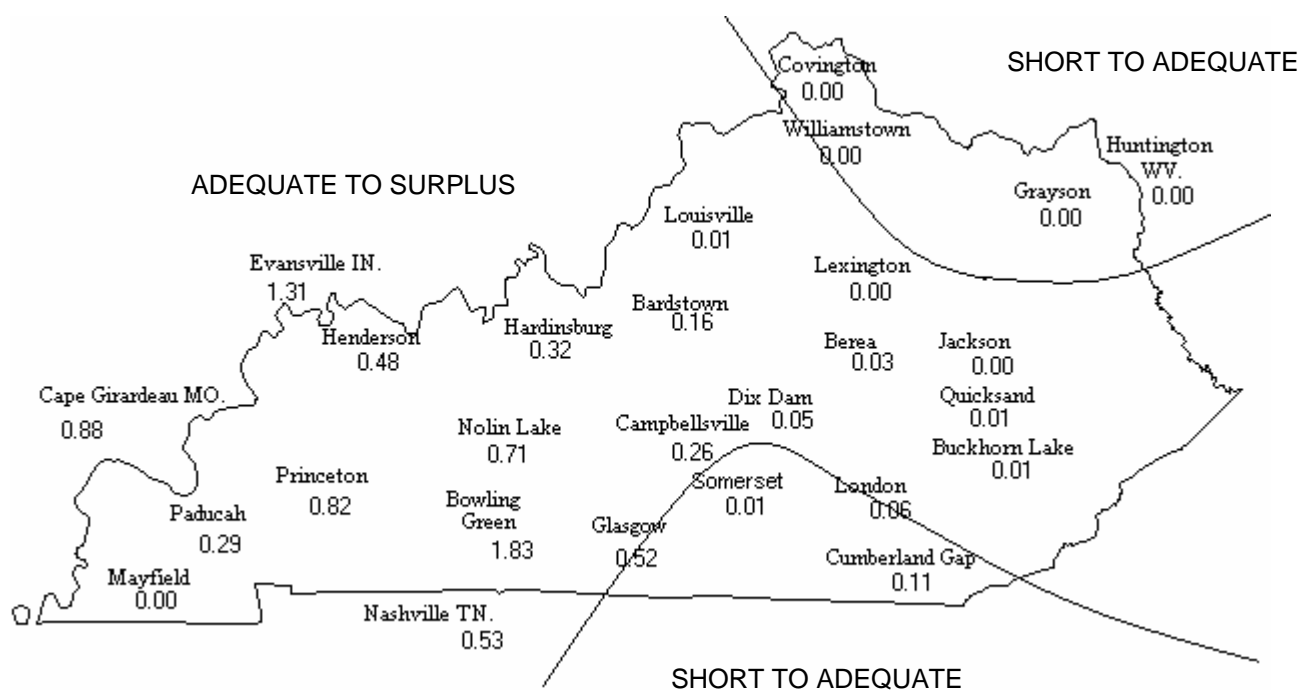
	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	0	0
Short	19	7
Adequate	73	76
Surplus	8	17
SUBSOIL		
Very Short	0	0
Short	15	11
Adequate	76	77
Surplus	9	12

KENTUCKY CROP CONDITIONS (Percent)

WEEK ENDING MAY 13, 2007						WEEK ENDING MAY 6, 2007				
CROP	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn Emerged	0	1	20	56	23	0	3	21	55	21
Wheat	40	30	24	6	0	42	32	23	3	0
Pasture	1	12	40	40	7	1	9	41	41	8
Hay Crop	5	23	42	26	4	3	23	45	24	5
Tobacco Set	0	2	23	63	12	-	-	-	-	-

PRECIPITATION MAP AND TOPSOIL MOISTURE DELINEATION

WEEK ENDING MAY 13, 2007



KENTUCKY WEATHER SUMMARY, MAY 7 – 13, 2007:

Above Normal Temperatures and Below Normal Rainfall:

Scattered showers and isolated thunderstorms provided west and central sections of the State with locally heavy rainfall on Thursday and Friday. Otherwise, it was a warm, dry week with high humidity for most of the week. Temperatures in the 80s were common for most of the week. Cooler, less humid weather returned on Sunday.

Temperatures for the period averaged 70 degrees across the State which was 5 degrees above normal and 2 degrees warmer than the previous week. High temperatures averaged from 84 in the West to 82 in the East. Departure from normal high temperatures ranged from 5 degrees from normal in the West to 8 degrees above normal in the East. Low temperatures averaged from 61 degrees in the West to 55 degrees in the East. Departure from normal low temperature ranged from 6 degrees above normal in the West to 2 degrees above normal in the East. Extreme high temperatures were near 90 degrees and extreme low temperatures were in the mid 40s. This was the third week straight with above normal temperatures.

Precipitation (liq. equ.) for the period totaled 0.31 inches statewide which was 0.75 inches below normal. Precipitation totals by climate division, West 0.63 inches, Central 0.59 inches, Bluegrass 0.01 inches and East 0.03 inches, which was 0.48, 0.52, 1.01 and 0.98 inches respectively below normal. By station, precipitation totals ranged from a low of 0.00 inches at Bristol to a high of 1.83 inches at Bowling Green.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, MAY 13, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)										
Bardstown	0.16	6.05	2.79	+0.30	-1.02	86	48	69.5	+5	136	533	+38
Berea	0.03	5.35	2.56	-0.93	-1.59	85	45	69.0	+5	135	523	+15
Bowling Green	1.83	6.50	4.20	+0.11	-0.03	87	52	71.8	+7	150	581	+73
Bristol	0.00	3.17	0.82	-1.77	-2.47	86	37	65.9	+2	119	479	+27
Buckhorn Lake	0.01	3.74	0.65	-1.73	-2.95	85	51	69.2	+6	133	512	+60
Cape Girardeau	0.88	5.21	2.46	-1.40	-1.93	87	58	73.6	+7	162	576	+55
Campbellsville	0.26	8.06	3.86	+1.14	-0.69	86	49	69.4	+5	136	549	+41
Covington	0.00	3.31	1.33	-2.23	-2.34	86	49	68.4	+5	127	449	+27
Cumberland Gap	0.11	5.78	1.99	-0.32	-2.07	85	51	69.6	+6	136	515	+63
Dix Dam	0.05	6.12	2.69	-0.09	-1.41	85	47	68.4	+5	130	496	+1
Evansville	1.31	5.84	2.74	-0.17	-1.26	88	51	72.4	+5	154	542	+64
Glasgow	0.52	6.83	2.89	+0.16	-1.51	87	49	70.9	+6	143	592	+144
Grayson	0.00	4.31	1.66	-1.11	-1.94	85	45	66.9	+3	121	479	+70
Hardinsburg	0.32	5.52	2.37	-0.83	-1.83	86	53	72.7	+8	157	567	+59
Henderson	0.48	7.30	2.75	+1.13	-1.29	85	54	71.9	+5	151	543	+35
Huntington	0.00	3.46	1.18	-1.93	-2.41	86	43	66.4	+3	120	481	+29
Jackson	0.00	2.64	1.00	-3.34	-2.93	86	48	68.5	+5	129	508	+56
Lexington	0.00	5.02	2.06	-0.73	-1.75	85	46	67.4	+4	125	463	+41
London	0.06	5.14	3.17	-0.57	-0.58	87	44	68.6	+5	133	514	+62
Louisville	0.01	6.37	3.25	+0.20	-0.80	84	49	69.4	+5	134	505	+27
Mayfield	0.00	3.83	1.08	-3.32	-3.55	85	51	69.7	+3	137	519	-32
Nashville	0.53	5.56	3.09	-0.86	-1.14	89	55	73.1	+8	158	613	+62
Nolin Lake	0.71	6.03	3.31	-0.80	-1.25	87	51	71.7	+7	150	579	+84
Paducah	0.29	4.79	1.44	-2.29	-3.14	88	55	73.6	+7	161	591	+70
Princeton	0.82	5.92	2.62	-0.96	-1.86	90	53	73.1	+6	156	631	+93
Quicksand	0.01	2.60	1.01	-3.38	-2.92	85	50	69.0	+5	132	511	+59
Somerset	0.01	5.16	2.43	-1.32	-1.87	86	45	67.8	+4	127	491	-4
Spindletop	0.00	4.58	1.75	-1.17	-2.06	85	46	67.0	+3	123	455	+33
Williamstown	0.00	6.36	2.24	+0.36	-1.68	85	48	68.0	+4	126	452	+30

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

Before May 5
 May 5 - 15
 After May 15

Before May 1
May 1 - 15
May 16 - 31
After June 1

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.